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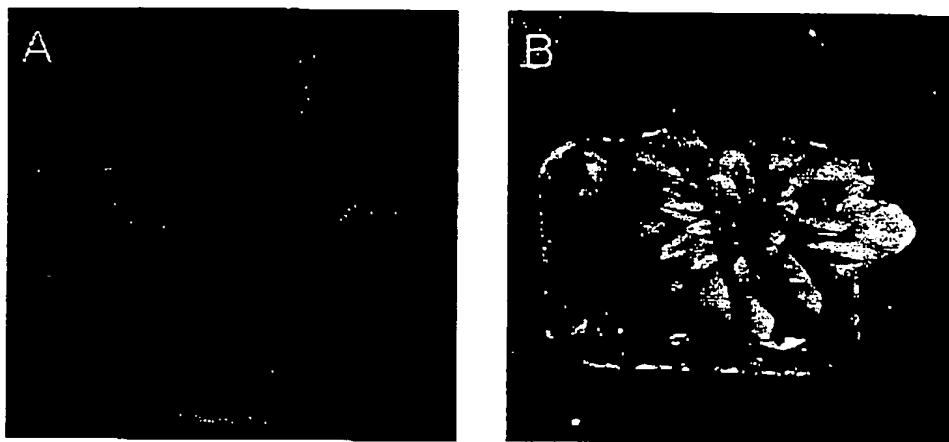
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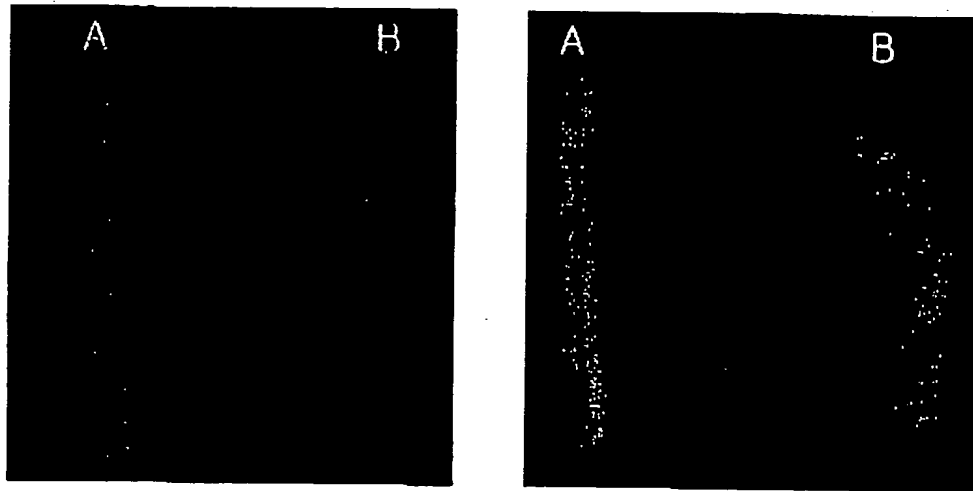
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FIG. 1A



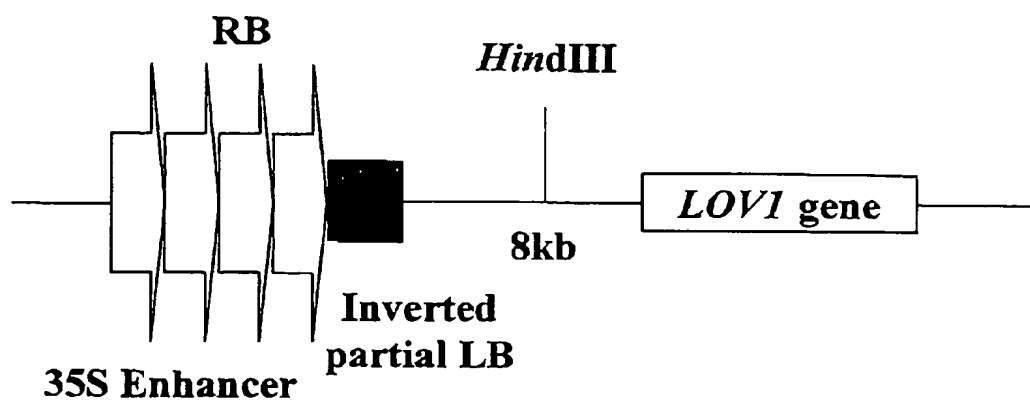
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FIG. 1B



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FIG. 2



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FIG. 3

```

LOV1 ( 1) maivsstsllpmsaqvaanekgiedndhrggQESHVQN-EDEADDHDHDMVMPGFRFHP
NAM ( 1) -----ME---N-YQHFDCCSDN-LPPGFRFHP
CUC1 ( 1) -----MDVDVFNgWGRPRPEDES LMPPGFRFHP
CUC2 ( 1) -----MDIPYYH-YDHGG--DSQYLP PGFRFHP

***** ** ** * * * ***** * *****
LOV1 ( 60) TEEELIBFYLRKKBGKRNFNVETLTLFLYRYDPWELPAMAAIGKEWYFYVPRDRKYRN
NAM ( 23) TDEELITYLLKKVLDNSNFTGTAIAEVDLNKCEPWELPEKAKMGEKEWYFFSLRDRKYPT
CUC1 ( 29) TDEELITYLLKKVLDNSNFSCAAISQVDLNKSEPWELPEKAKMGEKEWYFFTLRDRKYPT
CUC2 ( 26) TDEBLITHYLLRKVLDDGCFSSRAIAEVDLNKCEPWQLPGRAKMGEKEWYFFSLRDRKYPT

* * * * ***** ** * * * ***** * *****
LOV1 ( 120) GDRPNRVTTISGYWKATGADRMIRSETSRPIGLKKTLVFYSGKAPKQTRTSWIMNEYRL-
NAM ( 83) GLRTNRATEAGYWKATGKDREIYSSKTSALVGMKKTLVFYRGRAPKGEKSNWVMHEYRLD
CUC1 ( 89) GLRTNRATEAGYWKATGKDREIKSKTSKSLGMMKKTLVFYKGRAPKGEKSCWVMHEYRLD
CUC2 ( 86) GLRTNRATEAGYWKATGKDREIFSSKTCALVGMKKTLVFYKGRAPKGEKSNWVMHEYRLD

** *
LOV1 ( 178) ---PHHETEKYQK
NAM ( 143) GKFAHYISRSSK
CUC1 ( 149) GKFSYHYISSAK
CUC2 ( 146) GKFSYHFISRSSK
```

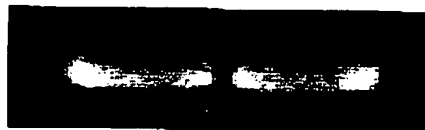
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FIG. 4

wild type *lov1-1D*



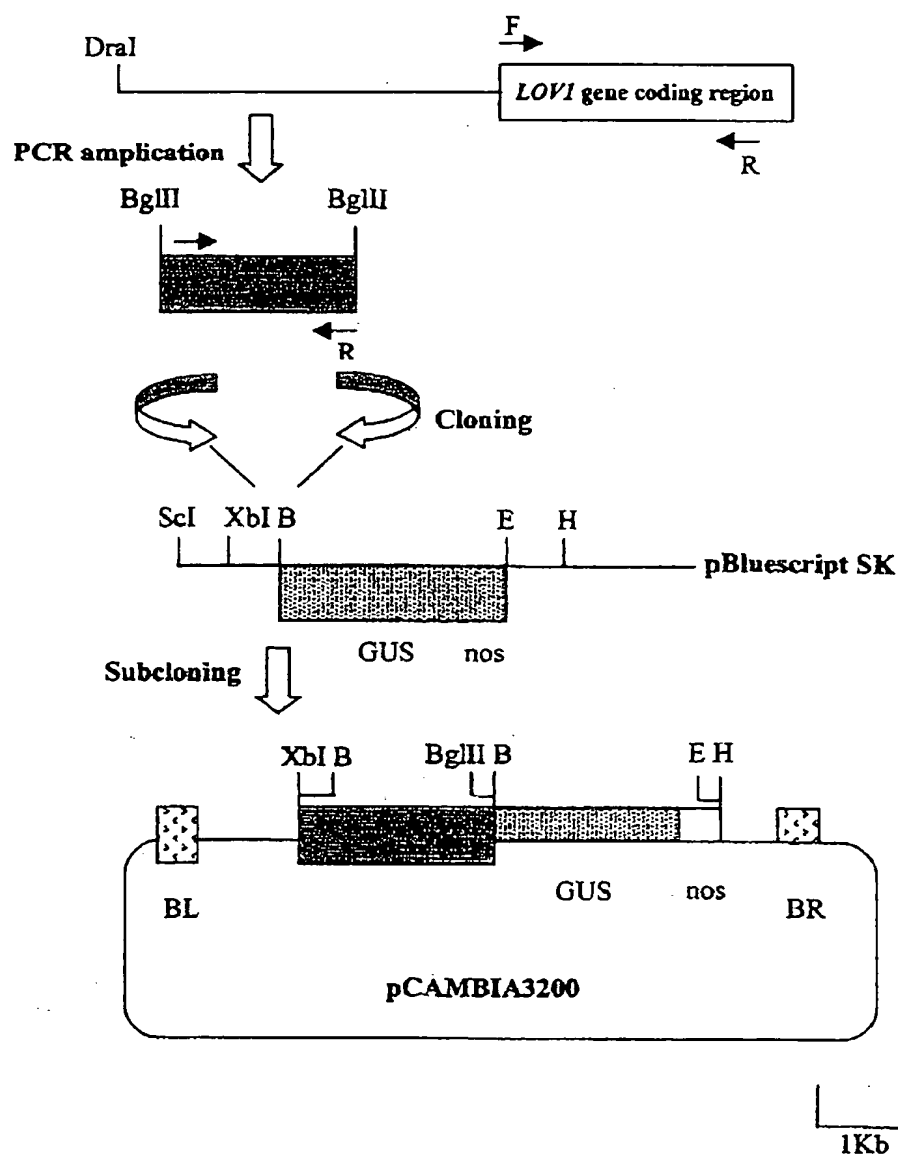
*LOV1*



25S rRNA

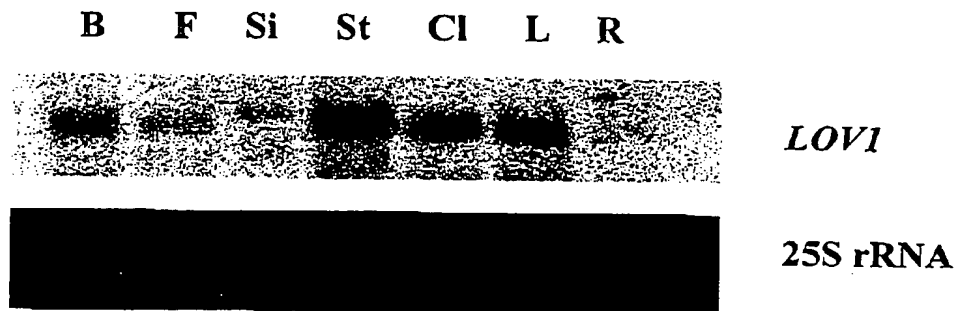
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FIG. 5



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FIG. 6





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FIG. 7A

(A)



(B)



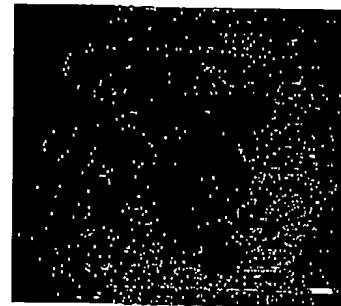
(C)



(D)



(E)



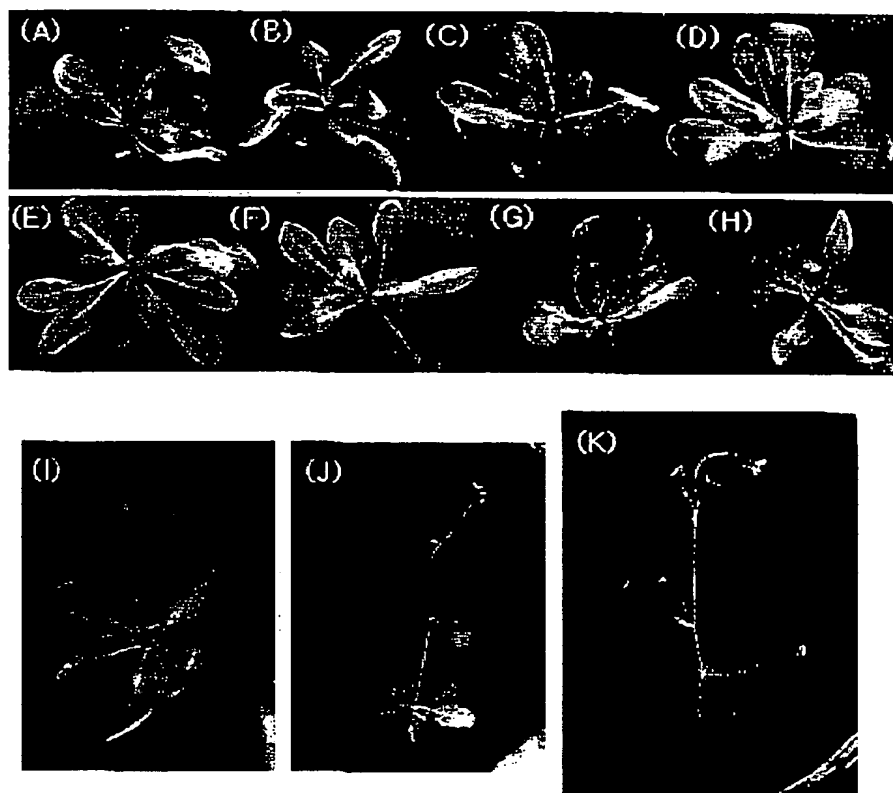
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FIG. 7B



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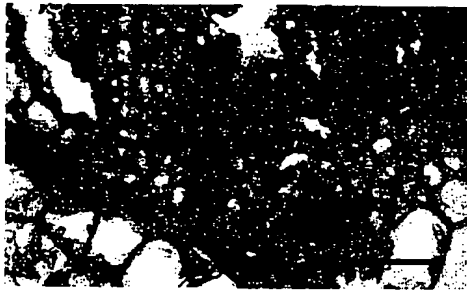
FIG. 7C



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FIG. 8

(A)

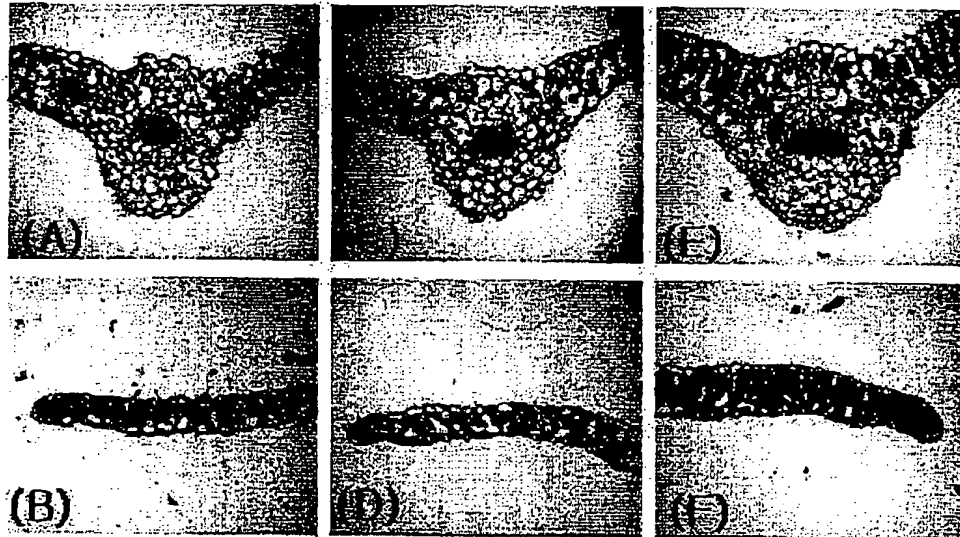


(B)



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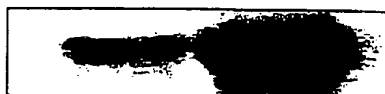
FIG. 9



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FIG. 10

wild type *lov1-1D*



*LOV1*



*AGL20*



*FLC*



25S rRNA

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FIG. 11

